

Docket No. 2138.001B
U.S. Serial No. 10/661,292

Amendments to the Claims:

This listing of claims will replace all prior versions and listings, of claims in the application:

Claims:

1-2. (CANCELLED)

3. (CURRENTLY AMENDED) An open flame resistant mattress comprising a fire barrier fabric textile at least partially enclosing a core of said mattress, said fire barrier fabric textile comprising two distinct fabric layers: (1) a fire barrier fabric layer and (2) a thermally insulating fabric layer, said fire barrier fabric layer and thermally insulating fabric layer independently comprising at least one char-forming flame-retardant fiber, wherein said mattress resists an open flame under conditions of California TB 603.

4-20. (CANCELLED)

21. (PREVIOUSLY PRESENTED) A flame retardant composite fire barrier textile according to claim 33, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, meta-aramid fibers, fiberglass, melamine fibers, poly-benzimidazole fibers, polyacrylonitrile fibers, novoloid fibers, pre-oxidized fibers, carbon fibers, modacrylic fibers, flame-resistant rayon fibers, flame-retardant viscose fibers, wool fibers, and flame-retardant treated cotton fibers.

22. (PREVIOUSLY PRESENTED) A flame retardant composite fire barrier textile according to claim 33, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, modacrylic fibers, flame-retardant viscose fibers, fiberglass and blends thereof.

23. (PREVIOUSLY PRESENTED) A flame retardant composite fire barrier textile according to claim 33, wherein said at least one char-forming flame-retardant fiber comprises para-aramid fibers.

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24. **(PREVIOUSLY PRESENTED)** A flame retardant composite fire barrier textile according to claim 33, wherein said at least one char-forming flame-retardant fiber comprises para-aramid fiber, modacrylic fiber, flame-retardant viscose fiber, or a combination thereof.

25. **(PREVIOUSLY PRESENTED)** A flame retardant composite fire barrier textile according to claim 33, wherein said at least one char-forming flame-retardant fiber is selected from para-aramid fibers, fiberglass and blends thereof.

26. **(PREVIOUSLY PRESENTED)** A flame retardant composite fire barrier textile according to claim 33, wherein said thermally insulating fabric layer comprises a blend of flame-retardant viscose and modacrylic fibers.

27. **(CANCELLED)**

28. **(CURRENTLY AMENDED)** An open flame resistant article comprising filling materials and a flame-retardant composite fire barrier ~~fabrie~~ textile at least partially enclosing the filling material, said flame-retardant composite fire barrier textile comprising two distinct fabric layers: (1) a thermally insulating fabric layer and (2) a fire barrier fabric layer, said thermally insulating fabric layer and said fire barrier fabric layer independently comprising at least one char-forming flame retardant fiber, ~~wherein open flame resistance of said article is determined in accordance with California TB-117.~~

29. **(PREVIOUSLY PRESENTED)** An open flame resistant article according to claim 28, wherein said article is selected from mattresses, mattress foundations, upholstered furniture, transportation seating systems, health care seating systems and fire-protective apparel.

30. **(PREVIOUSLY PRESENTED)** An open flame resistant article according to claim 28, wherein said article is a mattress or mattress foundation.

31. **(CANCELLED)** An open flame resistant mattress comprising a fire barrier textile at least partially enclosing a core of said mattress, said fire barrier textile comprising a fire barrier fabric layer and a thermally insulating fabric layer, said fire barrier fabric layer and thermally insulating fabric layer independently comprising at least one char-forming flame-retardant fiber.

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32. **(CANCELLED)** An open flame resistant mattress according to claim 31, wherein said mattress resists an open flame under conditions of a full-scale open flame test.
33. **(CURRENTLY AMENDED)** A flame-retardant composite fire barrier textile comprising two distinct fabric layers: (1) a thermally insulating fabric layer and (2) a fire barrier fabric layer, said thermally insulating fabric layer and said fire barrier fabric layer independently comprising at least one char-forming flame retardant fiber, wherein said flame-retardant composite fire barrier textile resists an open flame under conditions of California TB 117.
34. **(PREVIOUSLY PRESENTED)** A flame-retardant composite fire barrier textile according to claim 33, wherein at least one of said fire barrier fabric layer and said thermally insulating fabric layer comprises at least one structure-providing char-forming flame-retardant fiber.
35. **(PREVIOUSLY PRESENTED)** A flame-retardant composite fire barrier textile according to claim 33, wherein at least one of said fire barrier fabric layer and said thermally insulating fabric layer is free of aramid fiber.
36. **(NEW)** An open flame resistant mattress according to claim 3, wherein said mattress meets the smoldering resistance standard as required by the Cigarette Ignition Standard 16 CFR Part 1632.
37. **(NEW)** The open flame resistant mattress according to claim 3, wherein said mattress, when tested in accordance with California TB 603, has a maximum heat release of less than 200 kW and a total energy release of less than 25 MJ in the first ten minutes of the test.
38. **(NEW)** The open flame resistant article according to claim 28, wherein said article meets the standard of California TB 117.